C1RL Polyclonal antibody

Catalog Number:**24820-1-AP**

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Basic Information

Catalog Number:
24820-1-AP

Size:
600 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG20324

GenBank Accession Number:
BC156780

GeneID (NCBI):
51279

UNIPROT ID:
Q9NZP8

Full Name:
complement component 1, r
subcomponent-like

Calculated MW:
487 aa, 53 kDa

Observed MW:
70 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:3000
IF/ICC 1:200-1:800

Applications

Tested Applications:
IF/ICC, WB, ELISA

Species Specificity:
human, mouse

Positive Controls:
WB : human plasma,
IF/ICC : U2OS cells,

Background Information

C1r-like serine protease analog protein (CLSPa), also named as CIRL contains a CUB domain and a serine protease domain, possessing characteristic catalytic triad. C1RL is upregulated in glioblastoma (GBM) and has been proved to be a prognostic marker in hepatocellular carcinoma and renal cell cancer (PMID: 32993564). C1RL has a calculated molecular weight of 53 kDa, and this antibody can detect a band at 70 kDa due to possible N-glycosylation (PMID: 15358180).
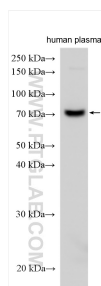
Storage

Storage:
Store at -20℃. Stable for one year after shipment.
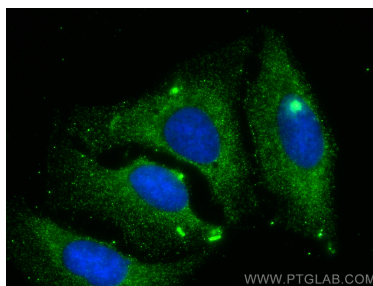**Storage Buffer:**
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

Selected Validation Data

Various lysates were subjected to SDS PAGE followed by western blot with 24820-1-AP (C1RL antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.

Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using C1RL antibody (24820-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).